BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

NAME OF THE PROJECT: Construction of 1st Floor above Library Building for Health Center for Pourakarmikas at HMT Layout in Ward No.09.

MODIFIED ESTIMATE

	009-18-000014	P-3298					Est Cost Rs.		2500000.00
Sl No	**Description of Item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. -do-using silver grey granite/Multy Red/Ruby Red/Black/Hassan Green Granite of width not less than 1200mm **Page No. 107 / Item No. 14.47.1, PWD SR 2016-17**	Sqm							
	2nd Floor								
	Hall		1	24.50	14.50		355.25		
	Skirting								
	Hall		2	24.50		0.10	4.90		
			2	14.50		0.10	2.90		
	Columns		6	1.80		0.10	1.08		
	1st Floor								
	Hall		1	11.15	14.50		161.68		
	Skirting								
	Hall		2	13.60		0.10	2.72		
	Deducation								
	Columns		-6	0.49	0.24		-0.70		
						Total	**527.83**	**2828.52**	**1492968.09**
	Basic rate	2619.00							
	Area weightage @ 8%	209.52							
	Total	**2828.52**							
2	Providing and finishing external walls in two coats with Water Proof Cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications, **Page No. 118 / Item No. 15.53.1, PWD SR 2016-17**	Sqm							
	Senior citizen Building								
	Ground Floor								
	West Side								
	Wall		1	17.46		3.75	65.48		
	Slab projection								

l No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Top Face		1	17.46	0.45		7.86		
	Bottom Face		1	17.46	0.37		6.46		
	Side Face		1	17.46		0.15	2.62		
	Beam		1	17.46	0.09		1.57		
			1	17.46		0.30	5.24		
	Column		6	0.34		3.90	7.96		
			10	0.45		3.75	16.88		
	Chejja								
	Size 2.2X0.45		8	2.20	0.45		7.92		
			8	0.45		0.10	0.36		
	Size 1.56X0.45		2	1.56	0.45		1.40		
			2	0.45		0.10	0.09		
	Plinth Beam		1	17.46		0.30	5.24		
			1	17.46	0.09		1.57		
	Deduction								
	Window		-4	1.45		1.80	-10.44		
			-1	1.20		1.46	-1.75		
	First Floor								
	North Side								
	Wall		1	8.90		3.75	33.38		
	Beams		3	0.60		1.30	2.34		
			3	1.30	0.25		0.98		
	Slab		1	8.15	1.30		10.60		
			1	1.75	1.30		2.28		
	Deduction								
	Door		-1	1.50		2.10	-3.15		
	Window		-1	1.45		1.80	-2.61		
	Name Board		-1	0.60		1.53	-0.92		
	South Side								
	Wall		1	8.90		3.90	34.71		
	Chejja								
	For Window		4	1.56	0.45		2.81		
			4	0.45		0.10	0.18		
	For Ventilator		2	1.00	0.40		0.80		
			2	0.40		0.10	0.08		
	Deduction								
	Window		-2	1.20		1.46	-3.50		
	Ventilator		-1	0.60		0.60	-0.36		
	East Side								
	Wall		1	17.46		3.75	65.48		
	Slab projection								
	Top Face		1	17.46	0.45		7.86		
	Bottom Face		1	17.46	0.37		6.46		
	Side Face		1	17.46		0.15	2.62		
	Beam		1	17.46	0.09		1.57		
			1	17.46		0.30	5.24		
	Column		6	0.34		3.90	7.96		
			10	0.45		3.75	16.88		
	Chejja								
	Size 2.2X0.45		8	2.20	0.45		7.92		
			8	0.45		0.10	0.36		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Size 1.56X0.45								
			2	1.56	0.45		1.40		
	Plinth Beam		2	0.45		0.10	0.09		
			1	17.46		0.30	5.24		
	Deduction		1	17.46	0.09		1.57		
	Window								
			-4	1.45		1.80	-10.44		
	West Side		-1	1.20		1.46	-1.75		
	Wall								
			1	17.46		3.75	65.48		
	Slab projection								
	Top Face		1	17.46	0.45		7.86		
	Bottom Face		1	17.46	0.37		6.46		
	Side Face		1	17.46		0.15	2.62		
	Beam		1	17.46	0.09		1.57		
			1	17.46		0.30	5.24		
	Column		6	0.34		3.90	7.96		
			10	0.45		3.75	16.88		
	Chejja								
	Size 2.2X0.45		8	2.20	0.45		7.92		
			8	0.45		0.10	0.36		
	Size 1.56X0.45		2	1.56	0.45		1.40		
			2	0.45		0.10	0.09		
	Plinth Beam		1	17.46		0.30	5.24		
			1	17.46	0.09		1.57		
	Deduction								
	Window		-4	1.45		1.80	-10.44		
			-1	1.20		1.46	-1.75		
	Parapet walls		2	19.50		0.60	23.40		
			2	17.50		0.60	21.00		
			2	0.50		0.60	0.60		
			2	1.50		0.60	1.80		
			2	10.14		0.60	12.17		
			2	8.29		0.60	9.95		
			2	0.54		0.60	0.65		
			1	19.50	0.18		3.51		
	Parapet walls Top Face		1	17.50	0.18		3.15		
			1	0.5	0.18		0.09		
			1	1.5	0.18		0.27		
			1	10.14	0.18		1.83		
			1	8.29	0.18		1.49		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Staircase		1	0.54	0.18		0.10		
	Waist slab Bottom Face		4	3.80	0.90		13.68		
	Side Face		8	3.80		0.35	10.64		
			8	3.80	0.10		3.04		
	Landing		3	1.75	1.45		7.61		
	Side Face		2	1.75		0.35	1.23		
			4	1.45		0.35	2.03		
			2	1.75	0.10		0.35		
			4	1.45	0.10		0.58		
	Column		2	1.10		7.80	17.16		
						Total	**569.24**	**74.52**	**42419.85**
	Basic rate	69.00							
	Area weightage @ 8%	5.52							
	Total	**74.52**							
3	KSRB 7.14: Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain,single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grove section 2.683 kg/m and bottom bottom member 114.3 mm x 44.45 mm 3.18 mm thick and 2.6 46 kg/m, aluminium louvres of size 77.6mmx27.6mm 1.7mm, thick section weight 0.483kg/m bottom portions provided with 12mm. thick pre laminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and	Sqm							
	Library Building - First Floor		1	4.23		3.00	12.70		
			1	4.60		3.00	13.80		
			1	5.00		3.00	15.00		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	6.60		3.00	19.80		
	Library Building - Second Floor		1	6.80		3.00	20.39		
			1	3.50		3.00	10.50		
	Deduction - Doors						0.00		
	Library Building - First Floor Doors		-2	0.90		2.10	-3.78		
	Library Building - Second Floor Doors		-1	0.90		2.10	-1.89		
						Total	**86.52**	**5109.48**	**442061.48**
	Basic rate	4731.00							
	Area weightage @ 8%	378.48							
	Total	**5109.48**							
4	KSRB 7.17: Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x 44.45 mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114,3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred comers grinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fouing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m, thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of	Sqm							
	Library Building - First Floor Doors		2	0.90		2.10	3.78		
	Library Building - Second Floor Doors		1	0.90		2.10	1.89		
						Total	**5.67**	**6814.80**	**38639.92**
	Basic rate	6310.00							
	Area weightage @ 8%	504.80							
	Total	**6814.80**							

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia (Page No. 55, Item No. 7.1) KPWD SR 2014-15	No							
			1				**1**	**2727.00**	**2727.00**
6	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, 1 23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard (p.23/1.23.11) KPWD SR 2014-15	Each							
	Regular Model		**16**				**16**	**1800.00**	**28800.00**
									2047616.34
	Sub Total								**82000.00**
	KRIDL Charges @ 4%								**368570.94**
	GST Charges @ 18%								**1812.72**
	Add for unforseen and rounding off	L/S						Total	**2500000.00**
	Rupess Twenty Five lakh(s) Only								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.

2 This estimate is prepared as per PWD SR of 2016-17 & KPWD 2014-15.

3 The provisions were made in this estimate are necessary and adequate.

4 The works come under B.B.M.P. limits

Assistant Engineer
Project Division, Yelahnaka Zone
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer
Project Division, Yelahnaka Zone
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Project Division, Yelahnaka Zone
Bruhat Bangalore Mahanagara Palike

Technical Sanction
Accorded For 2.25 Lakhs
Head of A/C P3258
CER NO 53 **Dt:** 30/03/24